UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE
MLRA REGION 11, INDIANAPOLIS, INDIANA

FIRST AMENDMENT TO THE CLASSIFICATION AND CORRELATION OF THE SOILS OF DE WITT COUNTY, ILLINOIS (A SUBSET OF MLRA 108A and MLRA 108B)

AMENDMENT NO. 1 December 11, 2006

A correlation amendment needs to be added to the "Classification and Correlation of the Soils in De Witt County, Illinois" document issued in November 2005. The corrections needed are as follows:

1. In the table "Soil Correlation of De Witt County, Illinois: Detailed Soil Map Legend," make the following changes:

Field symbols	Field map unit name	Publi-cation symbol	Approved map unit name
27D2	Miami loam, 10 to 15 percent slopes, eroded	964F	Miami and Hennepin ~~S~~soils, 18 to 35 percent slopes
27E	Miami loam, 15 to 30 percent slopes		
964F	Miami and Hennepin ~~S~~soils, 18 to 35 percent slopes		

2. In the table "Soil Identification Legend According to Alphabetical Sequence," make the following changes:

Map Symbol	Approved Map Unit Name
964F	Miami and Hennepin ~~S~~soils, 18 to 35 percent slopes

3. In the table "Soil Identification Legend According to Numerical Sequence," make the following changes:

Map Symbol	Approved Map Unit Name
964F	Miami and Hennepin ~~S~~soils, 18 to 35 percent slopes

4. In the "Notes to Accompany the Classification and Correlation of the Soils in De Witt County, Illinois," make the following corrections/additions:

AETNA SERIES- The Aetna soils in MLRA 108A have a buried soil within the series control section formed in alluvium and not in glaciolacustrine materials as defined for the Aetna Series.

CATLIN SERIES- The Catlin Official Series will be amended with the next update to reflect the presence of a perched water table instead of an apparent water table.

KANEVILLE SERIES- Typical pedon has matrix chroma in the Bt3 horizon which is slightly higher than allowed in the series and redox chroma slightly lower than allowed for the Kaneville series.

KENDALL SERIES- Typical pedon do not have development in the second parent material as required for the Kendall series.

MIAMI SERIES-The Miami pedon for 964F contains more sand and gravel in the C horizon than allowed in the Miami series. The Miami soils in MLRA 108A have a 2Cd or Cd horizon with a bulk density of 1.65 to 1.85 g/cc. This range extends slightly below what is defined for the Miami Series. In addition, the saturated hydraulic conductivity in the substratum is slightly higher than defined for the series.

RUSSELL SERIES- ~~Russell in De Witt County does not contain a densic 2C horizon.~~ ...The Russell soils in MLRA 108A have a 2Cd or Cd horizon with a bulk density range of 1.65 to 1.85 g/cc. This range extends slightly below what is defined for the Russell Series. In addition, the saturated hydraulic conductivity in the substratum is slightly higher than defined for the series.

5. In the table "Classification of the Soils," make the following changes:

Kaneville--|Fine-silty, mixed, superactive, mesic Oxyaquic Hapludalfs

goes to:

Kaneville--|Fine-silty, mixed, superactive, mesic Mollic Oxyaquic Hapludalfs

Approval Signatures and Date

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